

1. (New) Apparatus for guiding a cutting tool in a surgical procedure on a bone which comprises:

- a. a fixation block which can be fitted on to a bone,
- b. a guide block which can be fitted on to the fixation block, the guide block defining a path for a cutting tool, wherein (i) the guide block can be translated relative to the fixation block along a translation axis so as to vary the distance between the guide block and the fixation block, and (ii) the orientation of the guide block relative to the fixation block can be adjusted rotationally about a pivot axis which is approximately perpendicular to the translation axis, and
- c. a worm drive assembly for adjusting the orientation of the guide block rotationally relative to the fixation block about the said pivot axis.

2. (New) The apparatus of claim 1, wherein the fixation block has a recess formed in it, the worm drive assembly includes a mount element located in the recess, the guide block can be fitted on to the mount element, and the mount element can be rotated within the recess to adjust the orientation of the guide block relative to the fixation block about the said pivot axis.

3. (New) The apparatus of claim 1, further comprising which an orientation adjuster that can be manipulated to adjust the rotational orientation of the guide block relative to the fixation block about the pivot axis.

4. (New) The apparatus of claim 2, further comprising an orientation adjuster that can be manipulated to adjust the rotational orientation of the guide block relative to the fixation block, wherein the orientation adjuster is threaded at one end and engages a surface of the mount element which is arranged approximately parallel to the axis of rotational adjustment of the guide block threadingly at or towards one end.

5. (New) The apparatus of claim 1, wherein the translation axis and the pivot axis intersect.
6. (New) The apparatus of claim 1, further comprising a connector pin which extends between the fixation block and the guide block.
7. (New) The apparatus of claim 6, wherein the connector pin is threaded along at least a portion of its length, and wherein the guide block can be made to move along the translation axis by rotation of the connector pin.
8. (New) The apparatus of claim 7, wherein the connector pin is threaded remote from the end where the connector pin engages the fixation block.
9. (New) The apparatus of claim 1, further comprising a first adjuster for adjusting the orientation of the guide block relative to the fixation block and a second adjuster for translating the fixation block relative to the guide block.
10. (New) The apparatus of claim 9, wherein the first and second adjusters are located at or towards one end of the fixation block.
11. (New) The apparatus of claim 1, wherein the guide block has a slot formed therein configured to receive the blade of a saw.
12. (New) A device for guiding an instrument in a guiding path when performing an invasive procedure on an extremity of a bone comprising:
  - a fixing block fixable on the extremity of the bone in a fixing plane;
  - a guiding block mountable on the fixing block substantially in the fixing plane, wherein the guiding block defines the guiding path; and
  - a first manipulator for manipulating the guiding path rotationally with respect to the fixing block about an axis substantially perpendicular to the fixing plane and/or a second manipulator for manipulating the guiding path

substantially linearly with respect to the fixing block along an axis substantially in the fixing plane, wherein the first manipulator and/or second manipulator are manipulable from a position or positions at or near to a transverse end of the device.

13. (New) The device of claim 12, wherein the guiding path is a substantially planar path.

14. (New) The device of claim 12, further comprising a first guiding block mountable on the fixing block substantially in the fixing plane, the first guiding block defining a posterior guiding path, and a second guiding block mountable on the fixing block substantially in the fixing plane, the second guiding block defining an anterior guiding path.

15. (New) The device of claim 14, wherein the first guiding block and second guiding block have opposite handedness.

16. (New) The device of claim 12, further comprising a first manipulator for manipulating the guiding path rotationally with respect to the fixing block about the axis substantially perpendicular to the fixing plane, the first manipulator being manipulable from a position at or near to a transverse end of the device.

17. (New) The device of claim 12, further comprising a second manipulator for manipulating the guiding path substantially linearly with respect to the fixing block along an axis substantially in the fixing plane, the second manipulator being manipulable from a position at or near to a transverse end of the device.

18. (New) The device of claim 12, further comprising a first manipulator for manipulating the guiding path rotationally with respect to the fixing block about an axis substantially perpendicular to the fixing plane and a second manipulator for manipulating the guiding path substantially linearly with respect

to the fixing block along an axis substantially in the fixing plane, the first manipulator and second manipulator being manipulable from a position or positions at or near to a transverse end of the device.

19. (New) The device of claim 12, wherein the first manipulator manipulates the guiding path rotationally about the axis of a rotational pivot shaft.

20. (New) The device of claim 19, wherein the rotational pivot shaft is pivotally mounted internally in the fixing block.

21. (New) The device of claim 18, wherein the first manipulator comprises an exterior actuator connected to a stem with an end portion which drives the rotational pivot shaft rotationally.

22. (New) The device of claim 21, wherein the first manipulator translates rotational manipulation of the exterior actuator into rotational motion of the rotational pivot shaft about its axis.

23. (New) The device of claim 21, wherein the end portion is threaded and engages an array of teeth on the exterior surface of the rotational pivot shaft so as to translate rotational manipulation of the exterior actuator into rotational motion of the rotational pivot shaft about its axis.

24. (New) The device of claim 23, wherein the teeth are concave parallel teeth.

25. (New) The device of claim 12, wherein the second manipulator manipulates the guiding path substantially linearly along an axis in the fixing plane by the engagement of complementary threaded portions.

26. (New) The device of claim 25, wherein the second manipulator comprises an exterior actuator connected to a stem with a threaded portion which engages a complementary threaded portion.

27. (New) The device of claim 12, wherein the axis substantially perpendicular to the fixing plane and the axis in the fixing plane intersect.

28. (New) The device of claim 27, wherein the axis substantially perpendicular to the fixing plane and the axis in the fixing plane intersect at an axis of a rotational pivot shaft.

29. (New) The device of claim 28, wherein the second manipulator comprises an exterior actuator connected to a stem with a threaded portion, the threaded portion engaging a complementary threaded bore in the rotational pivot shaft.